

## **AMENDMENTS TO THE CLAIMS**

### **Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** A method of denticulation of a concrete joint between a first and a second cast section,

assembling a form at the location of the concrete joint by attaching a formwork,

casting a first cast section into the formwork,

removing the formwork prior to casting a second cast section,

casting the second cast section,

wherein the formwork for the first cast section comprises a studded plate,

wherein the studded plate has studs where the stud side wall inclination angle is greater than 60° with respect to the surface of the studded plate,

wherein the studded plate has bridges or backs between the studs,

wherein the bridges or the backs comprise an area that is parallel to a plane comprising the tops of the studs and parallel to a plane comprising the surface of the studded plate, ~~but is not within either of these planes~~ and is within a plane that is between the plane comprising the tops of the stud and the plane comprising the surface of the studded plate,

wherein the ~~surface of the studded plate is vacant~~ volume below the bridges or the backs of the studded plate is vacant,

wherein the studded plate has studs that are square, polygonal or round,

wherein the studded plate has studs positioned in relation to each other in a pattern.

2. **(Previously Presented)** A method according to Claim 1, wherein the studded plate has a center distance between the studs in the range of 20-250 mm, the height of the studs is in the range of 5-50 mm, and the distance between the base of the stud side walls is in the range of 0-150 mm:-

3. **(Cancelled).**

4. **(Cancelled).**

5. **(Cancelled).**

6. **(Cancelled).**

7. **(Cancelled).**

8. **(Currently Amended)** A method according to claim 1, wherein the pattern is oriented parallel to or square to the direction of the primary shear.

9. **(Previously Presented)** A method according to claim 1, wherein the face of the studded plate toward the first cast section comprises a hose or string of swellable rubber that is partly cast into the first cast section.

10. **(Previously Presented)** A method according to claim 1, wherein the denticulation is done on cast joints in bridges, tunnels, or walls for buildings, dams or containers.

11. **(Previously Presented)** A method according to claim 10, wherein the denticulation is done on cast joints in box walls on a free balanced cantilever.

12. **(Previously Presented)** A method according to claim 1, wherein the denticulation is done on site or by prefabrication of components.

13. **(Currently Amended)** A method of denticulation of cast joints between large concrete components;

assembling a form at the location of the concrete joint by attaching a formwork,

casting a first cast section into the formwork,  
removing the formwork prior to casting a second cast section,  
casting the second cast section,  
wherein the formwork for the first cast section comprises a studded plate,  
wherein the studded plate has studs where the stud side wall inclination angle is  
greater than 60° with respect to the surface of the studded plate,  
wherein the studded plate has bridges or backs between the studs,  
wherein the bridges or the backs comprise an area that is parallel to a plane  
comprising the tops of the studs and parallel to a plane comprising the surface of the studded  
plate, ~~but is not within either of these planes~~ and is within a plane that is between the plane  
comprising the tops of the stud and the plane comprising the surface of the studded plate.,  
wherein the ~~surface of the studded plate is vacant~~ volume below the bridges or the  
backs of the studded plate is vacant,  
wherein the studded plate has studs that are square, polygonal or round,  
wherein the studded plate has studs positioned in relation to each other in a  
pattern.

14. **(Previously Presented)** The method according to claim 13, where the studded plate  
has a center distance between the studs in the range of 20-250 mm, the height of the studs is in  
the range of 5-50 mm, and the distance between the base of the stud side walls is in the range of  
0-150 mm.

15. **(Previously Presented)** A method according to Claim 1, wherein the studded plate  
has a center distance between the studs in the range of 45-58 mm, the height of the studs is in the

range of 20-26 mm, and the distance between the base of the stud side walls is in the range of 5-12 mm.

16. **(Previously Presented)** The method according to claim 13, where the studded plate has a center distance between the studs in the range of 45-58 mm, the height of the studs is in the range of 20-26 mm, and the distance between the base of the stud side walls is in the range of 5-12 mm.

17. **(Currently Amended)** A method of denticulation of cast joints between large concrete components in boxed walls on a free balanced cantilever,

assembling a form at the location of the concrete joint by attaching a formwork,

casting a first cast section into the formwork,

removing the formwork prior to casting a second cast section,

casting the second cast section,

wherein the formwork for the first cast section comprises a studded plate,

wherein the studded plate has studs where the stud side wall inclination angle is greater than 60° with respect to the surface of the studded plate,

wherein the studded plate has bridges or backs between the studs,

wherein the bridges or the backs comprise an area that is parallel to a plane comprising the tops of the studs and parallel to a plane comprising the surface of the studded plate, ~~but is not within either of these planes~~ and is within a plane that is between the plane comprising the tops of the stud and the plane comprising the surface of the studded plate,

wherein the ~~surface of the studded plate is vacant~~ volume below the bridges or the backs of the studded plate is vacant,

wherein the studded plate has studs that are square, polygonal or round,

wherein the studded plate has studs positioned in relation to each other in a pattern.

18. **(Previously Presented)** A method according to claim 1, wherein the studded plate has studs positioned in relation to each other in a square diamond pattern.

19. **(Previously Presented)** A method according to claim 1, wherein the studded plate has studs positioned in relation to each other in a polygonal pattern.

20. **(Previously Presented)** A method according to claim 1, wherein the studded plate has studs positioned in relation to each other in a hexagonal pattern.

21. **(Previously Presented)** A method according to claim 13, wherein the large concrete components consist of tunnels.

22. **(Previously Presented)** A method according to claim 13, wherein the large concrete components consist of walls in buildings.

23. **(Previously Presented)** A method according to claim 13, wherein the large concrete components consist of walls of dams.

24. **(Previously Presented)** A method according to claim 13, wherein the large concrete components consist of containers.

25. **(Cancelled).**